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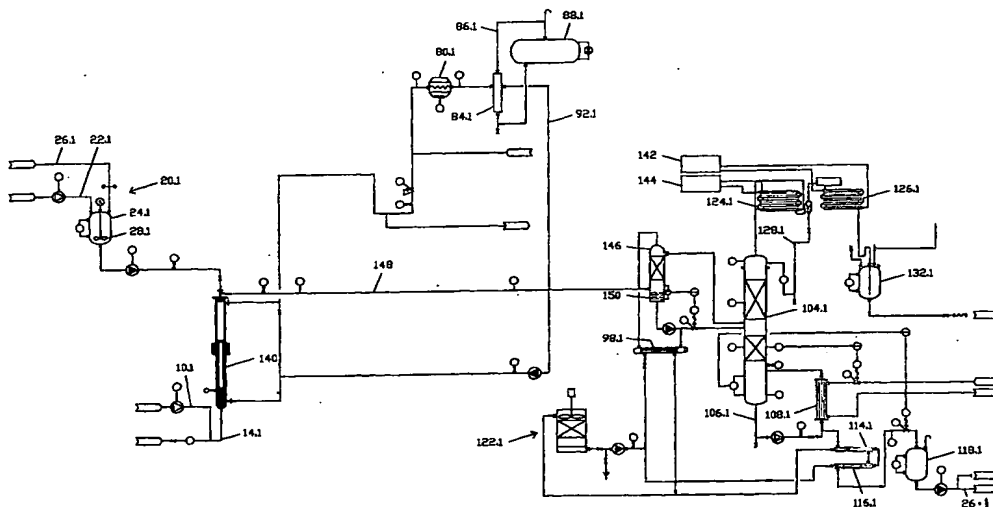
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(54) Title: THE MANUFACTURE OF CARBONYL SULPHIDE



(57) Abstract: A method of producing carbonyl disulphide is disclosed in which sulphur entering a vessel (24.1) along a line (22.1) is dissolved in liquid carbon disulphide entering along a line (26.1). In a reactor (140) the dissolved sulphur and carbon disulphide is reacted with carbon entering along a line (14.1) and solid carbon entering along a line (10.1). The reaction products are fed along a line (148) to a scrubber (146) and then to a distillation column (104.1). The gaseous fraction which emerges from the column (104.1), and which consists mainly of carbonyl sulphide, is cooled in two refrigeration stages (124.1, 126.1) and stored in a tank (132.1). Carbon disulphide is recovered from the column (104.1) and stored in a tank (118.1) for eventual return to the vessel (24.1) along the line (26.1).